Thursday, 8/30/2007 3:49:26 PM Kim Johnston User: **Process Sheet** : CROSSBOLT SPACER : CU-DAR001 Dart Helicopters Services **Drawing Name** Customer Job Number : 10993 **Estimate Number** : NIA : D2579 Part Number P.O. Number D2579 REV E S.O. No. : 26 This Issue : 8/30/2007 **Drawing Number** : N/A Prsht Rev. Project Number : MACHINED PARTS **Drawing Revision** First Issue : 33347 MIA: Material Previous Run : 9/14/2007 Due Date Written By Checked & Approved By Now turned on Cobra NG Comment : Est E 02.06.17 rev E dwg F 07.07.06 est **Additional Product** Job Number: Machine Or Operation: Description: Seq. #: 1.0 M6061T6T0500W058 6061-T6 Tube .500 x.058W Comment: Qty.: 75.2430 f(s) 0.3762 f(s)/Unit Total : 6061-T6 Tube .500 x.058W Material: 6061-T6 (WW-T-700/6 ) or 5052-H32 (WW-T-700/4) 0.500 Dia x 0.058 Wall Batch 1/05 Joy HARDINGE 2.0 Comment: HARDINGE CNC LATHE SMALL Machine as per Folio FA245 3.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE Comment: INSPECT PARTS AS THEY COME OFF MACHINE 4.0 QC8 SECOND CHECK Comment: SECOND CHECK PACKAGING ' PACKAGING RESOURCE #1 5.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location:\_

# **Dart Aerospace Ltd**

W/O: WORK ORDER CHANGES												
DATE	STEP	PROCEDURE CHANGE By						ROCEDURE CHANGE By Date Qty Chief En		Approval Chief Eng / Prod Mgr	Approval QC Inspector	
1.0												

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA: 🕰	Date: <u>07/10/0</u>
			QA: N/C Closed:	Date:

	WORK ORDER NON-CONFORMANCE (NCR)								
	Description of NC		Corrective Action Section B		Varification				
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector		
					-				
	+								
							,		
	STEP	STEP Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Corrective Action Section B Initial Action Description	STEP Description of NC Section A Initial Action Description Sign &	STEP Description of NC Section A Section B Initial Action Description Sign & Section C	STEP Description of NC Section A Initial Action Description Sign & Verification Section C Chief Eng		

NOTE: Date & initial all entries

Date:

Thursday, 8/30/2007 3:49:26 PM

User:

Kim Johnston

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CROSSBOLT SPACER

Job Number:

Job Number: 34347

Seq. #:

Machine Or Operation:

Description:

Part Number: D2579

6.0

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



# **Dart Aerospace Ltd**

W/O: WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	By Date		e Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					•		
			,				

Part No:	PAR #:	Fault Category:	NCR: Yes	No DQA:	Date:
			QA: N	C Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	34347
Description: Cross Bolt Spacer	Part Number:	D2579
Inspection Dwg: D2579 Rev: DE PH 07-08-30		Page 1 of 1

	FIR	RST ARTICLE	INSPECTI	ON CH	ECKLIST	
		X First Art	ticle	Pro	totype	
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.070	+/-0.030					
0.058	+/-0.010					
						ALWESS
						************
<del></del>				1-2-4-71		
Measured by:		Audited by:			Prototype Approv	al: N/A
Date:		Date:			Dat	

Meas	ured by:		Audited by:	 Prototype Approva	ıl:	N/A
	Date:		Date:	Dat	e:	
Rev	Date	Change		Revis	ed by	Approved
Α	03.11.27	New Issue		KJ/RF	ox)	4



DESIG	H.	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
CHEC	KED III	APPROVED	DRAWING NO. REV. E			
	一树	#	D2579 SHEET 1 OF 1			
DATE			TITLE SCALE			
07.0	04.17	***	CROSS BOLT SPACER 1:1			
Α		96.09.16	NEW ISSUE			
В		96.12.05	0.065 WALL WAS 0.035 WALL			
С		97.02.21	0.058 WALL WAS 0.065 WALL			
D		99.05.19	4.070 LENGTH WAS 4.100 (TSR A1095)			

UPDATE NOTES



	4.070±0.030
Ø0.500 Ø0.384 (REF)	

07.04.17

### D2579 CROSS BOLT SPACER

Ε

#### D2579 CROSS BOLT SPACER

MATERIAL:

6061-T6 TUBING PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8

(REF DART SPEC M6061T6T0500W058)

2) FINISH: NONE

SHOP COPY

3) ALL DIMENSIONS ARE IN INCHES

RETURN TO

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

ENGINEERING

UNCONTROLLED COPY SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK,ORDE

Copyright © 1996 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART AEROSPACE LTD	Work Order:	34789
Description: Cross Bolt Spacer	Part Number:	D2579
Inspection Dwg: D2579 Rev: DE pd 07.09.04	,	Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

X First Article		Prototype
-----------------	--	-----------

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.070	+/-0.030	4.063				
0.058	+/-0.010	4.063	V			
					`	

Measured by:	DIP	Audited by:	J.L	Prototype Approval:	N/A
Date:	07/10/05	Date:	04/10/05	Date:	

Rev	Date	Change	Revised by	Approved
Α	03.11.27	New Issue	KJ/RF	14

